

REMARKS

An Information Disclosure Statement is submitted concurrently herewith.

The specification on page 3, line 4 has been amended herein to correct the cited patent to be 6,332,406. The entire paragraph in which this error has been corrected is reproduced with the correction underlined and the incorrect number having a line therethrough.

Claims 1-7 were rejected under 35 U.S.C. §112, second paragraph as being indefinite because of the lack of an antecedent basis for several limitations. All of the claims have been reviewed and amended to provide an antecedent basis for all elements.

Claim 1 was rejected under 35 U.S.C. §102(b) as being anticipated by US 6,325,619 (*Dane*).

The reference numbers used in the Office Action do not correspond with the one used in the *Dane* ('619) reference. The comments below refer to the reference numbers in the '619 reference.

1. *Dane* discloses two separate heads (an inner head (1) and an outer head (3) (column 3, line 64 to column 4, line 2 and column 4, lines 36-39). The present application, in claim 1, recites one head (T).

2. *Dane* discloses an elongated body (6) (column 4, lines 6-10; FIGS. 1 and 4). The present application recites a circular body (1) (page 1, line 7 and FIG. 5).

3. *Dane* discloses an upper inlet (8) and a lower inlet (13), wherein the upper inlet 8 communicates with a pipe (10) (column 4, lines 18-23), the pipe going beyond the center of the body and the lower inlet ending in the center of the body. On the contrary claim 1 claims an upper

inlet (3) exactly ending in the center of the body (1) and a lower inlet (4) going beyond the center of the body.

4. *Dane* discloses (column 4, lines 18-27, FIG. 5) an inlet 8 communicating with an injector 9 facing a Venturi chamber 10 with horizontal axis ending in a vertical well 12, in order to supply the external flames. Claim 1 of the present invention claims a specific configuration in order to supply the external chamber: a diverging pair of ascending channels (4a) branching off from the lower inlet (4) (page 5, lines 19-22, FIG. 1). Thus, two channels (4a) are provided with respective nozzles (6). A pair of Venturi chambers (6a) with inclined axis are situated downstream from the pair of nozzles (6) (page 5, lines 23-25, FIG. 1).

It is submitted that the cited reference does not describe all of the structure recited in claim 1 and lifting of the 35 U.S.C. §102(b) basis for rejection is respectfully requested.

Claims 2-5 were rejected under 35 U.S.C. §103(a) as being unpatentable over *Dane* ('619) in view of *Yen* (5,401,164). As noted above, independent claim 1 is distinguishable from *Dane* and combining *Dane* with *Yen* does not provide a basis for rejecting claims 2-7.

Further, with respect to amended claims 2-6, neither *Dane* nor *Yen* suggest nor disclose a partition having a flat flange to provide support for the upper dish.

Also, *Yen* discloses (FIGS. 1-3) an inclined Venturi chamber to supply the internal flame. As result, the inlet 22 for said Venturi chamber does not end in the centre of the body, as claimed by the applicant.

Furthermore *Yen* discloses (FIG. 4) three vertical Venturi chambers to supply the external flame, whereas the applicant has two inclined Venturi chambers and only one vertical Venturi chamber.

The structure and configuration of the device claimed in the present application provides a reduction in height of the burner while the length of the diverging Venturi chamber 6a for the external flame is not reduced.


It is submitted that the structure of the claimed invention is distinguishable from the cited references, either individually or combined in any manner and allowance of amended claims 1-7 is respectfully requested.

It appears that all matters have been addressed satisfactorily, and that the case is now in condition for a complete allowance; and the same is respectfully urged.

However, if the Examiner has any comments or questions, or has any suggestions as per MPEP 707.07 (d) and (j), for putting the case in condition for final allowance, he is respectfully urged to contact the undersigned attorney-of-record at the telephone number below, so that an expeditious resolution may be effected and the case passed to issue promptly.

Respectfully submitted,

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Date



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